

Converting Colors

YIQ(176.9630, -0.8600,
-61.5320)

Have a look what the booklet for
YIQ(176.9630, -0.8600, -61.5320)
contains.

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Color

**YIQ(176.9630, -0.8600,
-61.5320)**

Conversions

Conversions Part 1

Format	Color
Hex	8AD949
RGB	138, 217, 73
RGB Percent	54%, 85%, 29%
CMY	0.4591, 0.1489, 0.7136
CMYK	0.36, 0.00, 0.66, 0.15
HSL	93°, 65%, 57%
HSV	93°, 66%, 85%
XYZ	36.4944, 55.5213, 15.1013
YIQ	176.9630, -0.8600, -61.5320

Conversions

Conversions Part 2

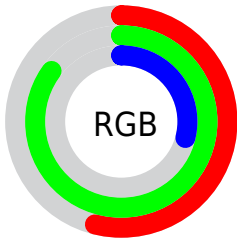
Format	Color
RYB	73, 217, 152
Decimal	9099593
CIELab	79.34, -47.54, 60.85
CIELCh	79, 77.222, 127.997
Yxy	55.5213, 0.3407, 0.5183
Android (android.graphics.Color)	4287289673 (0xFF8AD949)
YUV	176.9630, -51.2538, -34.1706
Hunter-Lab	74.5126, -42.9723, 40.1426

Details

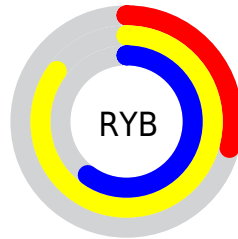
The YIQ color **176.9630, -0.8600, -61.5320** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **113.0370, 0.8600, 61.5320**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **222.8810, 5.6030, -52.0050**, and **118.9540, 3.3590, -66.4090** is the 20% darker color. If you saturate the color by 10%, you get **170.8670, -0.9500, -70.9180**, and if you desaturate by 10%, it is **183.0590, -0.7700, -52.1460**.

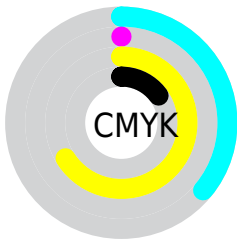
Distribution



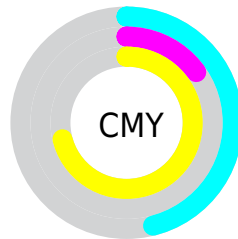
- Red (54%)
- Green (85%)
- Blue (29%)



- Red (29%)
- Yellow (85%)
- Blue (60%)



- Cyan (36%)
- Magenta (0%)
- Yellow (66%)
- Black (15%)



- Cyan (46%)
- Magenta (15%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.9630, -0.8600, -61.5320 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 176.9630, -0.8600, -61.5320 by changing the saturation by 10% instead.

■ 176.9630, -0.8600,
-61.5320

■ 176.9630, -0.8600,
-61.5320

■ 255.0000, -0.0000,
-0.0000

■ 148.5500, -1.1350,
-62.0550

■ 222.8810, 5.6030,
-52.0050

■ 119.5410, 3.0840,
-66.9320

■ 234.7440, 13.8990,
-37.1490

■ 94.1950, -7.3250,
-60.0050

■ 246.9060, 22.7910,
-22.0810

■ 66.3750, -25.2070,
-55.3110

■ 250.2120, 13.4820,
-13.0620

■ 49.3080, -23.1000,
-43.9320

■ 253.5180, 4.1730,
-4.0430

■ 35.2200, -16.5000,
-31.3800

■ 22.3060, -10.4500,

-19.8740

■ 0.0000, 0.0000,
0.0000

■ 176.9630, -0.8600,
-61.5320

■ 176.9630, -0.8600,
-61.5320

■ 170.8670, -0.9500,
-70.9180

■ 183.0590, -0.7700,
-52.1460

■ 164.8850, -1.3610,
-79.9930

■ 189.0410, -0.3590,
-43.0710

■ 158.7890, -1.4510,
-89.3790

■ 195.1370, -0.2690,
-33.6850

■ 156.6810, -1.2670,
-92.7150

■ 201.2330, -0.1790,
-24.2990

■ 207.3290, -0.0890,
-14.9130

■ 213.0120, -0.2740,
-6.0500

■ 219.1080, -0.1840,
3.3360

■ 225.2040, -0.0940,
12.7220

■ 229.7040, 4.4900,
17.7540

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



184.2900, 64.4270, -49.7890



176.9630, -0.8600, -61.5320



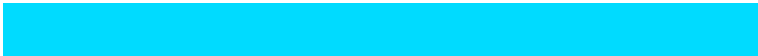
149.2090, -107.3650, -75.1810

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



176.9630, -0.8600, -61.5320



157.6230, -142.0800, -35.2320



170.7270, 59.5500, 44.1420

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



176.9630, -0.8600, -61.5320



113.0370, 0.8600, 61.5320

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



185.9790, 33.1380, 60.2580



176.9630, -0.8600, -61.5320



164.1220, -100.2240, -11.8400

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



176.9630, -0.8600, -61.5320



162.9060, -144.5550, -39.9390



195.2490, 5.1740, 38.4060



172.9540, 76.7030, 14.1030

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



176.9630, -0.8600, -61.5320



156.5560, -123.9190, -61.5110



195.2490, 5.1740, 38.4060



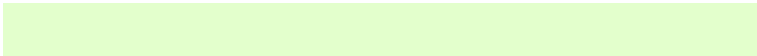
174.0500, 51.5710, 51.0830

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



176.9630, -0.8600, -61.5320



240.8140, -0.3170, -21.7970



161.2550, 64.6490, -9.7430



119.3830, -0.1810, -13.2450



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



176.9630, -0.8600, -61.5320



198.2560, -1.2680, -87.1880



158.0980, -41.2050, -73.7570



106.9520, -0.0450, -4.6930



124.8730, -1.0870, -73.9430



33.2810, -0.1340, -19.6060

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



113.0370, 0.8600, 61.5320



107.7440, 1.2680, 87.1880



131.9020, 41.2050, 73.7570



102.0480, 0.0450, 4.6930



48.1270, 1.0870, 73.9430



12.7190, 0.1340, 19.6060

Previews

White Background



This preview shows how the YIQ color 176.9630, -0.8600, -61.5320 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 176.9630, -0.8600, -61.5320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 176.9630, -0.8600, -61.5320

Background



This preview shows how black text looks on a background with the YIQ color 176.9630, -0.8600, -61.5320.



This preview shows how white text looks on a background with the YIQ color 176.9630, -0.8600,

-61.5320.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

176.9630, -0.8600, -61.5320

Protanopia

188.1710, 55.1170, -35.2430

Deuteranopia

191.3010, 67.0350, -19.9490



Tritanopia

191.6680, -31.3600, -4.3520

Trichromacy



Original Color

176.9630, -0.8600, -61.5320



Protanomaly

184.4240, 34.9910, -44.9530



Deuteranomaly

185.9400, 42.6460, -35.0020



Tritanomaly

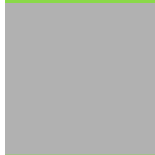
186.1690, -20.4900, -25.1460

Monochromacy



Original Color

176.9630, -0.8600, -61.5320



Achromatopsia

177.0000, -0.0000, 0.0000



Achromatomaly

177.2870, -0.2710, -22.6310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.9630, -0.8600, -61.5320 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(138, 217, 73)` looks like.

```
.text, #text, p{  
    color:rgb(138, 217, 73)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(138, 217, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 217, 73) }
```

Border

The CSS property to change the border of an element to YIQ 176.9630, -0.8600, -61.5320 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 217, 73) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(138, 217, 73) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(138, 217, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 217, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 217, 73);  
box-shadow:4px 4px 4px 4px rgb(138, 217,  
73) }
```

Background

The CSS property to change the background color of an element to YIQ 176.9630, -0.8600, -61.5320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 217, 73) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(138,  
217, 73) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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